BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Doddabommasandra Colony in Ward No. 09 (Vidyaranyapura).

							Est Cost Rs.	2500000.00
Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff including cost of all labour charges complete as per specifications. MORTH / Chapter 3 **Page No. 147 / Item No. 19.53 PWD SR 2016-17**	Sqm							
CC Road 5th Cross near Katteramma Temple		1	110.00	3.40		374.00		
CC Road 6th Cross near Katteramma Temple		1	110.00	3.40		374.00		
CC Road 7th Cross near Katteramma Temple		1	53.00	3.40		180.20		
CC Road 8th Cross near Katteramma Temple		1	120.00	3.40		408.00		
						1336.20	26.50	**35409.00**
Basic Rate	25.00							
Area Weightage @6%	1.50							
Total	**26.50**							
KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.12, Item No. 4.3 of PWD SR 2016-17**	Cum							
CC Road 5th Cross near Katteramma Temple		1	110.00	3.50	0.15	57.75		
CC Road 6th Cross near Katteramma Temple		1	110.00	3.50	0.15	57.75		
CC Road 7th Cross near Katteramma Temple		1	53.00	3.50	0.15	27.83		
CC Road 8th Cross near Katteramma Temple		1	120.00	3.50	0.15	63.00		
						206.33	5159.02	**1064435.00**
Basic Rate	4867.00							
Area Weightage @ 6%	292.02							
Total	**5159.02**							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. **- M20 (at 300Kg per cum coarse aggregate @**	Cum							
CC Road 5th Cross near Katteramma Temple		1	110.00	3.50	0.125	48.13		
CC Road 6th Cross near Katteramma Temple		1	110.00	3.50	0.125	48.13		
CC Road 7th Cross near Katteramma Temple		1	53.00	3.50	0.125	23.19		
CC Road 8th Cross near Katteramma Temple		1	120.00	3.50	0.125	52.50		
						171.94	5508.82	**947173.00**
Basic Rate	5197.00							
Area Weightage @ 6%	311.82							
Total	**5508.82**							
KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 15 / It No. 4.31 PWD SR 2016-17**	Sqm							
CC Road 5th Cross near Katteramma Temple		2	110.00		0.30	66.00		
CC Road 6th Cross near Katteramma Temple		2	110.00		0.30	66.00		
CC Road 7th Cross near Katteramma Temple		2	53.00		0.30	31.80		
CC Road 8th Cross near Katteramma Temple		2	120.00		0.30	72.00		
						235.80	310.58	**73235.00**
Basic Rate	293.00							
Area Weightage @ 6%	17.58							
Total	**310.58**							
Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. **Page No. 177 / Item No. 22.7, PWD SR 2016-17**	Sqm							
CC Road 5th Cross near Katteramma Temple		1	110.00	3.50		385.00		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
CC Road 6th Cross near Katteramma Temple		1	110.00	3.50		385.00		
CC Road 7th Cross near Katteramma Temple		1	53.00	3.50		185.50		
CC Road 8th Cross near Katteramma Temple		1	120.00	3.50		420.00		
						1375.50	95.40	**131223.00**
Basic Rate	90.00							
Area Weightage @ 6%	5.40							
Total	**95.40**							
Sub Total								**2251475.00**
KRIDL Charges @ 10%								**225148.00**
Labour Cess @ 1%								**22515.00**
Add for unforseen and rounding off	L/S							**862.00**
							Total	**2500000.00**
Rupees Twenty five lakhs only								

tificate:

The work spot has been inspected and the work is found necessary.

This estimate is prepared as per P.W.D S.R of 2016-17.

This work included under 2017-18 24.10 % Grant.

The provisions were made in this estimate are necessary and adequate.

This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
11/12

ADMINISTRATIVE APPROVAL

Accorded For Rs. Twenty five lakhs only

Head of A/c. P-1878

Div. Ref. No. 49/1278 Date. 11/12/17

AE 11/12

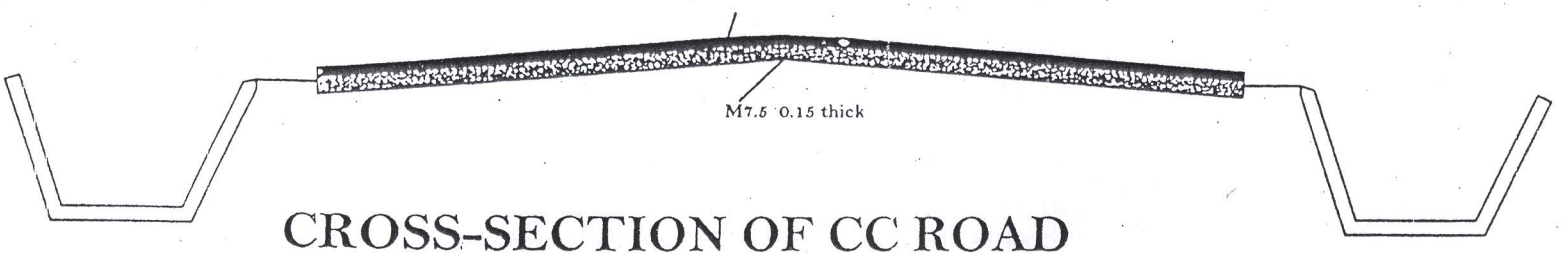
EE(BTP) 11/12

Technical Sanction
Accorded For 25.00 lakh Rs.
Head of A/C. P1878
CER NO : 416 Dt:. 11/12/17

TA CE (YNK).

NAME OF WORK:-

Improvements to Roads and drains at Doddabammasandra colony in ward no: 9.



CROSS-SECTION OF CC ROAD

INDEX

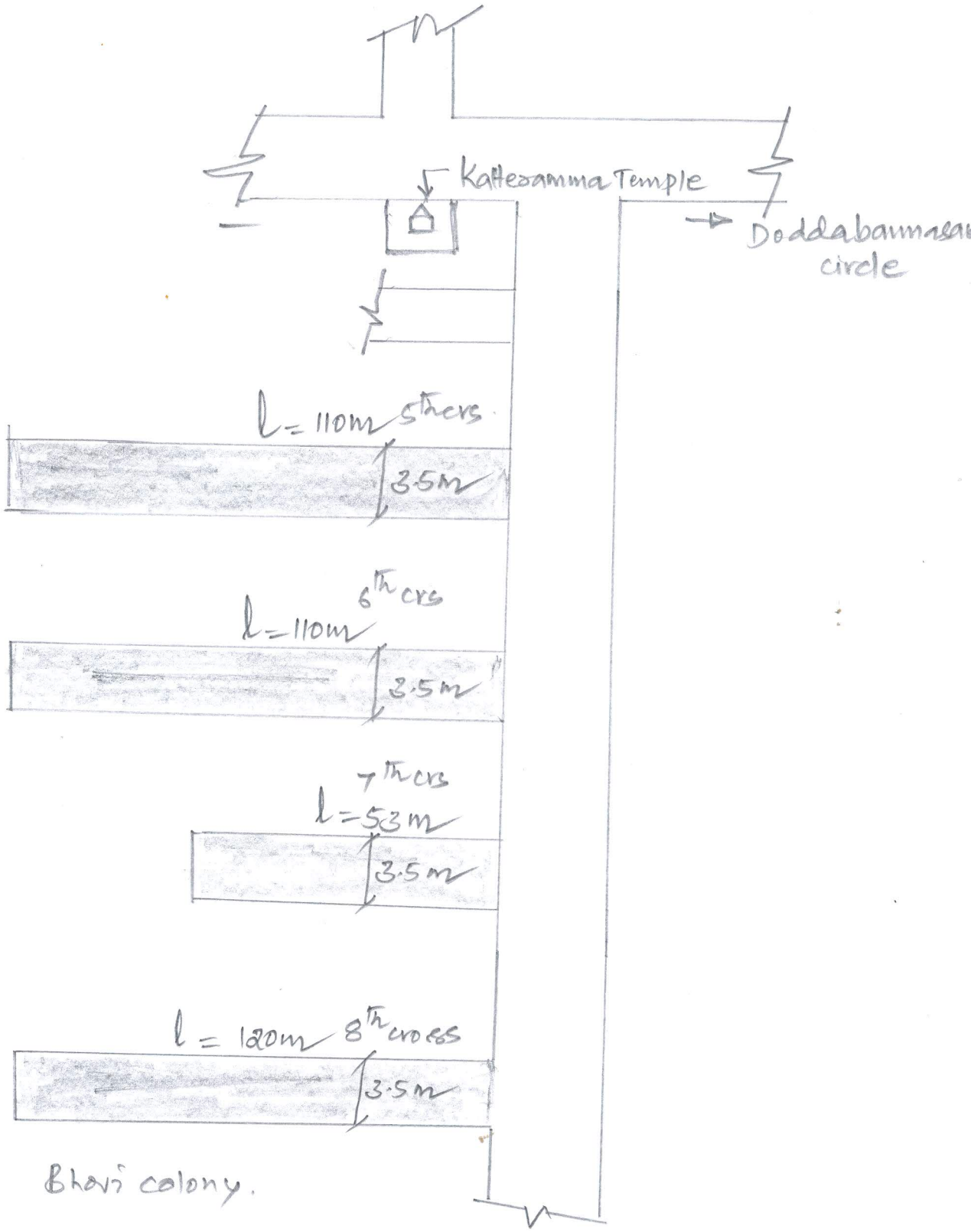
M7.5 1:4:8 0.15m Thick

M20 1:1.5:3 0.10m Thick

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION.

Name of work: Improvements to Roads and drains Doddabommasandra colony in ward no: 9.



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